

IN THE CLAIMS:

1. (Currently Amended): A method in a computer system for providing dynamic contact information, said method comprising the steps of:

establishing a status system, including at least one status server and ~~at least one client~~ a plurality of clients;

specifying for ~~[[each]]~~ a given client within the plurality of clients a ~~second~~ plurality of subscribed entities for which the given client subscribes to automatic updates of dynamic contact information;

retrieving a plurality of dynamic contact records for a plurality of entities from one or more systems within the status system, wherein the plurality of subscribed entities is a subset of the plurality of entities; ~~[[and]]~~

providing the plurality of dynamic contact records to the at least one status server; identifying at least one subscribed dynamic contact record from within the plurality of dynamic contact records that corresponds to one of the plurality of subscribed entities; and

automatically sending, using said at least one status server, ~~each said current the at least one subscribed~~ dynamic contact record to each said given client ~~that has subscribed to updates for the entity whose dynamic contact information is contained in said current dynamic contact record~~ without intervention from an operator of the given client.

2. (Original): The method according to claim 1, further comprising the step of establishing the dynamic contact information service that provides dynamic-contact records for said plurality of entities, each one of said dynamic-contact records being dynamically updated to indicate current contact information for one of said plurality of entities.

3. (Original): The method according to claim 2, further comprising the steps for each of said plurality of entities of:

analyzing a calendar;

determining a plurality of periods of time;

associating a start time and a stop time with each of said plurality of periods of time; and

associating dynamic contact information with each of said plurality of periods of time, said dynamic contact information being dynamic contact information derived from said calendar, preferences, and directory information for one of said plurality of entities.

4. (Original): The method according to claim 3, further comprising the step of including within each said dynamic contact information a current telephone type, current telephone status, current telephone number, current telephone status time period, office telephone number, voice-mail status, and voice-mail checking frequency information for one of said plurality of entities associated with each said dynamic contact information.

5. (Original): The method according to claim 4, further comprising the step of including within said current telephone status an indication of whether the current telephone is busy.

6. (Original): The method according to claim 4, further comprising the step of including within said current telephone status an indication of whether said current telephone is currently in service.

7. (Original): The method according to claim 3, further comprising the step of including within said dynamic contact information an in-person status and in-person-status time period, and physical location for one of said plurality of entities, said physical location being a location where said one of said plurality of entities can be currently located.

8. (Original): The method according to claim 3, further comprising the step of including within said dynamic contact information a wireless-messaging status, wireless-messaging address, and wireless-messaging time period for one of said plurality of entities, said wireless-messaging address being a wireless messaging address at which said one of said plurality of entities can be reached by wireless messaging.

9. (Original): The method according to claim 8, further comprising the step of including within said wireless-messaging status an indication of whether the wireless-messaging device with said wireless-messaging address is currently in service.

10. (Original): The method according to claim 3, further comprising the step of including within said dynamic contact information an instant-message user name, instant-message status, and instant-message time period for one of said plurality of entities, said instant-message user name being an instant-message user name at which said one of said plurality of entities can be reached via an instant-message service.

11. (Original): The method according to claim 3, further comprising the step of including within said dynamic contact information an e-mail address and e-mail checking frequency information for said one of said plurality of entities.

12. (Original): The method according to claim 3, further comprising the step of including within said dynamic contact information an indication of a best current means for contacting said one of said plurality of entities.

13. (Original): The method according to claim 3, further comprising the step of including within said dynamic contact information an indication of an alternate contact person for said one of said plurality of entities.

14. (Original): The method according to claim 3, further comprising the steps, for each of said plurality of entities, of:

- determining a current time;
 - determining one of said plurality of periods of time having a start time at or before said current time and a stop time after said current time; and
 - creating a current dynamic contact record using the current contact information associated with said one of said plurality of periods of time
- updating said status server with said current dynamic contact record.

15. (Canceled)

16. (Previously Presented): The method according to claim 1, further comprising the step of filtering fields of each current dynamic information record in accordance with "who can see me" information in said current dynamic contact record and only sending allowed fields to said clients.

17. (Currently Amended): The method according to claim 1, further comprising the step of displaying at [[a]] the given client, information for [[a]] one of the plurality of subscribed entities from said current the at least one subscribed dynamic contact records record.

18. (Currently Amended): The method according to claim 17, ~~further comprising the step of displaying~~ wherein said information ~~including within said display~~ includes a current telephone type, current telephone status, current telephone number, current telephone status time period, office telephone number, voice-mail status, and voice-mail checking frequency information for [[each]] said one of said ~~second~~ plurality of subscribed entities.

19. (Original): The method according to claim 18, further comprising the step of displaying said current telephone status at said client using icons.

20. (Currently Amended): The method according to claim 18, ~~further comprising the step of displaying said information including within said display~~ wherein said information further includes an indication of whether said current telephone is busy.

21. (Original): The method according to claim 20, further comprising the step of displaying said current telephone status at said client using icons.

22. (Currently Amended): The method according to claim 18, ~~further comprising the step of displaying said information including within said display~~ wherein said information further includes an indication of whether said current telephone is currently in service.

23. (Original): The method according to claim 22, further comprising the step of displaying said current telephone status at said client using icons.

24. (Currently Amended): The method according to claim 17, ~~further comprising the step of displaying said information including within said display wherein said information~~ includes an in-person status, in-person status time period, and physical location for ~~[[each]]~~ said one of said second plurality of entities, said physical location being a location where said ~~[[each]]~~ one of said ~~second~~ plurality of subscribed entities can be found.

25. (Original): The method according to claim 24, further comprising the step of displaying said current in-person status at said client using icons.

26. (Currently Amended): The method according to claim 17, ~~further comprising the step of displaying said information including within said display wherein said information~~ includes a wireless-messaging status, wireless-messaging address, and wireless-messaging time period for ~~[[each]]~~ said one of said ~~second~~ plurality of subscribed entities, said wireless-messaging address being a wireless-messaging address at which said ~~[[each]]~~ one of said ~~second~~ plurality of subscribed entities can be reached by wireless messaging.

27. (Original): The method according to claim 26, further comprising the step of displaying said current wireless messaging status at said client using icons.

28. (Currently Amended): The method according to claim 26, ~~further comprising the step of displaying said information including within~~ wherein said wireless-messaging status includes an indication of whether the wireless-messaging device with said wireless-messaging address is currently in service.

29. (Original): The method according to claim 28, further comprising the step of displaying said current wireless messaging status at said client using icons.

30. (Currently Amended): The method according to claim 17, ~~further comprising the step of displaying said information including within said display wherein said information~~ includes an instant-message user name, instant-message status, and instant-message time period for ~~[[each]]~~ said one of said ~~second~~ plurality of subscribed entities, said instant-message user name being an instant-message user name at which said ~~[[each]]~~ one of said ~~second~~ plurality of subscribed entities can be reached via an instant-messaging service.

31. (Original): The method according to claim 30, further comprising the step of displaying said current instant messaging status at said client using icons.

32. (Currently Amended): The method according to claim 17, ~~further comprising the step of displaying said information including within said display wherein said information~~ includes an e-mail address and e-mail checking frequency information for ~~[[each]]~~ said one of said ~~second~~ plurality of subscribed entities.

33. (Currently Amended): The method according to claim 17, ~~further comprising the step of displaying said information including within said display wherein said information~~ includes an indication of a best current means for contacting ~~[[each]]~~ said one of said ~~second~~ plurality of subscribed entities.

34. (Currently Amended): The method according to claim 17, ~~further comprising the step of displaying said information including within said display wherein said information~~ includes an indication of an alternate contact person for ~~[[each]]~~ said one of said ~~second~~ plurality of subscribed entities.

35. (Currently Amended): The method according to claim 17, further comprising the step of displaying said information in response to selecting said one of said ~~second~~ plurality of subscribed entities.

36. (Currently Amended): The method according to claim 17, further comprising the steps of:

hovering a cursor over a name of said one of said ~~second~~ plurality of subscribed entities; and

displaying a full status message.

37. (Currently Amended): The method according to claim 36, further comprising the step of including in said full status message an in-person status, in-person status time period, a physical location, an e-mail address, and e-mail checking frequency information, an office telephone number, voice mail checking frequency information, an indication of a best current means for contacting, and an indication of an alternate contact person associated with said one of said ~~second~~ plurality of subscribed entities.

38. (Currently Amended): The method according to claim 17, further comprising the steps of:

hovering a cursor over a phone icon associated with said one of said ~~second~~ plurality of subscribed entities; and

displaying a current telephone number, a current telephone type, current telephone status, current telephone status time period, office phone number, and voice mail checking information for said one of said ~~second~~ plurality of subscribed entities.

39. (Currently Amended): The method according to claim 17, further comprising the steps of:

hovering a cursor over an in-person icon associated with said one of said ~~second~~ plurality of subscribed entities; and

displaying an in-person status, physical location, and in-person-status time period associated with said one of said ~~second~~ plurality of subscribed entities.

40. (Currently Amended): The method according to claim 17, further comprising the steps of:

hovering a cursor over an instant-messaging icon associated with said one of said ~~second~~ plurality of subscribed entities; and

displaying an instant-messaging user name, instant-messaging status, and instant-

messaging time period associated with said one of said ~~second~~ plurality of subscribed entities.

41. (Currently Amended): The method according to claim 17, further comprising the steps of:

hovering a cursor over a wireless-messaging icon associated with said one of said ~~second~~ plurality of subscribed entities; and

displaying a wireless-messaging status, a wireless-messaging address, and a wireless-messaging time period associated with said one of said ~~second~~ plurality of subscribed entities.

42. (Currently Amended): The method according to claim 17, further comprising the step of specifying display preferences for displaying said dynamic contact information including specifying portions of said dynamic contact information to be displayed and entities in said ~~second~~ plurality of subscribed entities to be displayed.

43. (Original): The method according to claim 42, further comprising the step of formatting and displaying said dynamic contact information.

44. (Original): The method according to claim 43, further comprising the step of displaying only portions of said dynamic contact information specified in the display preferences.

45. (Original): The method according to claim 43, further comprising the step of displaying information only for entities whose in-person status, telephone status, wireless-messaging status and instant-messaging status meet criteria specified in the display preferences.

46. (Currently Amended): A computer system for providing dynamic contact information comprising:

at least one status server; and

~~at least one client~~ a plurality of clients;

wherein, for ~~[[each]]~~ a given client within the plurality of clients a ~~second~~ plurality of subscribed entities is specified for which the given client subscribes to automatic updates of dynamic contact information;

wherein a plurality of dynamic contact records ~~[[are]]~~ is retrieved for a plurality of entities from one or more systems representing a dynamic contact information service, wherein the plurality of subscribed entities is a subset of the plurality of entities;

wherein the plurality of dynamic contact records are provided to the at least one status server;

wherein at least one subscribed dynamic contact record from within the plurality of dynamic contact records is identified that corresponds to one of the plurality of subscribed entities; and

wherein a status server within the at least one status server automatically sends ~~current~~ the at least one subscribed dynamic contact records ~~record~~ to ~~[[each]]~~ the given client ~~that has subscribed to updates for entities whose dynamic contact information is contained in said current dynamic contact records~~ without intervention from an operator of the given client.

47. (Original): The system according to claim 46, further comprising a dynamic contact information service that provides dynamic-contact records for said plurality of entities, each one of said dynamic-contact records being dynamically updated to indicate current contact information for one of said plurality of entities.

48. (Original): The system according to claim 47, further comprising for each of said plurality of entities of:

means for analyzing a calendar;

means for determining a plurality of periods of time;

means for associating a start time and a stop time with each of said plurality of periods of time; and

means for associating dynamic contact information with each of said plurality of periods of time, said dynamic contact information being dynamic contact information

derived from said calendar, preferences, and directory information for one of said plurality of entities.

49. (Original): The system according to claim 48, further comprising within each said dynamic contact information a current telephone type being included, current telephone status, current telephone number, current telephone status time period, office telephone number, voice-mail status, and voice-mail checking frequency information for one of said plurality of entities associated with each said dynamic contact information.

50. (Original): The system according to claim 49, further comprising within said current telephone status an indication of whether the current telephone is busy being included.

51. (Original): The system according to claim 49, further comprising within said current telephone status an indication of whether said current telephone is currently in service being included.

52. (Original): The system according to claim 48, further comprising within said dynamic contact information an in-person status and in-person-status time period being included, and physical location for one of said plurality of entities being included, said physical location being a location where said one of said plurality of entities can be currently located.

53. (Original): The system according to claim 48, further comprising within said dynamic contact information a wireless-messaging status, wireless-messaging address, and wireless-messaging time period for one of said plurality of entities being included, said wireless-messaging address being a wireless messaging address at which said one of said plurality of entities can be reached by wireless messaging.

54. (Original): The system according to claim 53, further comprising within said wireless-messaging status an indication of whether the wireless-messaging device with said wireless-messaging address is currently in service being included.

55. (Original): The system according to claim 48, further comprising within said dynamic contact information an instant-message user name, instant-message status, and instant-message time period for one of said plurality of entities being included, said instant-message user name being an instant-message user name at which said one of said plurality of entities can be reached via an instant-message service.

56. (Original): The system according to claim 48, further comprising within said dynamic contact information an e-mail address and e-mail checking frequency information for said one of said plurality of entities being included.

57. (Original): The system according to claim 48, further comprising within said dynamic contact information an indication of a best current means for contacting said one of said plurality of entities being included.

58. (Original): The system according to claim 48, further comprising within said dynamic contact information an indication of an alternate contact person for said one of said plurality of entities being included.

59. (Original): The system according to claim 48, further comprising for each of said plurality of entities:

- a current time being determined;
- one of said plurality of periods of time having a start time at or before said current time and a stop time after said current time being determined; and
- a current dynamic contact record being created using the current contact information associated with said one of said plurality of periods of time

said status server being updated with said current dynamic contact record.

60. (Canceled)

61. (Previously Presented): The system according to claim 46, further comprising means for filtering fields of each current dynamic information record in accordance with "who

can see me" information in said current dynamic contact record and only sending allowed fields to said clients.

62. (Currently Amended): The system according to claim 46, further comprising information for [[a]] one of the plurality of subscribed entities from said current the at least one subscribed dynamic contact records record being displayed at [[a]] the given client.

63. (Currently Amended): The system according to claim 62, ~~further comprising wherein~~ said information ~~being displayed including within said display~~ includes a current telephone type, current telephone status, current telephone number, current telephone status time period, office telephone number, voice-mail status, and voice-mail checking frequency information for [[each]] said one of said ~~second~~ plurality of subscribed entities.

64. (Original): The system according to claim 63, further comprising said current telephone status being displayed at said client using icons.

65. (Currently Amended): The system according to claim 63, ~~further comprising wherein~~ said information ~~being displayed including within said display~~ further includes an indication of whether said current telephone is busy.

66. (Original): The system according to claim 65, further comprising said current telephone status being displayed at said client using icons.

67. (Currently Amended): The system according to claim 63, ~~further comprising wherein~~ said information ~~being displayed including within said display~~ further includes an indication of whether said current telephone is currently in service.

68. (Original): The system according to claim 67, further comprising said current telephone status being displayed at said client using icons.

69. (Currently Amended): The system according to claim 62, ~~further comprising wherein~~ said information ~~being displayed including within said display~~ includes an in-person status, in-person status time period, and physical location for ~~[[each]]~~ said one of said ~~second~~ plurality of subscribed entities, said physical location being a location where said ~~[[each]]~~ one of said ~~second~~ plurality of subscribed entities can be found.

70. (Original): The system according to claim 69, further comprising said current in-person status being displayed at said client using icons.

71. (Currently Amended): The system according to claim 62, ~~further comprising wherein~~ said information ~~being displayed including within said display~~ includes a wireless-messaging status, wireless-messaging address, and wireless-messaging time period for ~~[[each]]~~ said one of said ~~second~~ plurality of subscribed entities, said wireless-messaging address being a wireless-messaging address at which said ~~[[each]]~~ one of said ~~second~~ plurality of subscribed entities can be reached by wireless messaging.

72. (Original): The system according to claim 71, further comprising said current wireless messaging status being displayed at said client using icons.

73. (Currently Amended): The system according to claim 71, ~~further comprising said~~ ~~information being displayed including within~~ wherein said wireless-messaging status includes an indication of whether the wireless-messaging device with said wireless-messaging address is currently in service.

74. (Original): The system according to claim 73, further comprising said current wireless messaging status being displayed at said client using icons.

75. (Currently Amended): The system according to claim 62, ~~further comprising wherein~~ said information ~~being displayed including within said display~~ includes an instant-message user name, instant-message status, and instant-message time period for ~~[[each]]~~ said one of said ~~second~~ plurality of subscribed entities, said instant-message user name

being an instant-message user name at which said ~~one~~ of said ~~second~~ plurality of subscribed entities can be reached via an instant-messaging service.

76. (Original): The system according to claim 75, further comprising said current instant messaging status being displayed at said client using icons.

77. (Currently Amended): The system according to claim 62, ~~further comprising wherein~~ said information ~~being displayed including within said display~~ includes an e-mail address and e-mail checking frequency information for ~~one~~ of said ~~second~~ plurality of subscribed entities.

78. (Currently Amended): The system according to claim 62, ~~further comprising wherein~~ said information ~~being displayed including within said display~~ includes an indication of a best current means for contacting ~~one~~ of said ~~second~~ plurality of subscribed entities.

79. (Currently Amended): The system according to claim 62, ~~further comprising wherein~~ said information ~~being displayed including within said display~~ includes an indication of an alternate contact person for ~~one~~ of said ~~second~~ plurality of subscribed entities.

80. (Currently Amended): The system according to claim 62, further comprising said information being displayed in response to selecting said one of said ~~second~~ plurality of subscribed entities.

81. (Currently Amended): The system according to claim 62, further comprising:
a cursor being hovered over a name of said one of said ~~second~~ plurality of subscribed entities; and
a full status message being displayed.

82. (Currently Amended): The system according to claim 81, further comprising an in-person status, in-person status time period, a physical location, an e-mail address, and e-mail checking frequency information, an office telephone number, voice mail checking frequency information, an indication of a best current means for contacting, and an indication of an alternate contact person associated with said one of said ~~second~~ plurality of subscribed entities being included in said full status message.

83. (Currently Amended): The system according to claim 62, further comprising:
a cursor being hovered over a phone icon associated with said one of said ~~second~~ plurality of subscribed entities; and
a current telephone number, a current telephone type, current telephone status, current telephone status time period, office phone number, and voice mail checking information for said one of said ~~second~~ plurality of subscribed entities being displayed.

84. (Currently Amended): The system according to claim 62, further comprising:
a cursor being hovered over an in-person icon associated with said one of said ~~second~~ plurality of subscribed entities; and
an in-person status, physical location, and in-person-status time period associated with said one of said ~~second~~ plurality of subscribed entities being displayed.

85. (Currently Amended): The system according to claim 62, further comprising:
a cursor being hovered over an instant-messaging icon associated with said one of said ~~second~~ plurality of subscribed entities; and
an instant-messaging user name, instant-messaging status, and instant-messaging time period associated with said one of said ~~second~~ plurality of subscribed entities being displayed.

86. (Currently Amended): The system according to claim 62, further comprising:
a cursor being hovered over a wireless-messaging icon associated with said one of said ~~second~~ plurality of subscribed entities; and

a wireless-messaging status, a wireless-messaging address, and a wireless-messaging time period associated with said one of said ~~second~~ plurality of subscribed entities being displayed.

87. (Currently Amended): The system according to claim 62, further comprising display preferences being specified for displaying said dynamic contact information including specifying portions of said dynamic contact information to be displayed and entities in said ~~second~~ plurality of subscribed entities to be displayed.

88. (Original): The system according to claim 87, further comprising said dynamic contact information being formatted and displayed.

89. (Original): The system according to claim 88, further comprising only portions of said dynamic contact information specified in the display preferences being displayed.

90. (Original): The system according to claim 88, further comprising information only for entities whose in-person status, telephone status, wireless-messaging status and instant-messaging status meet criteria specified in the display preferences being displayed.

91. (Currently Amended): A computer program product in a computer system for providing dynamic contact information comprising:

instruction means for establishing a status system, including at least one status server and ~~at least one client~~ a plurality of clients;

instruction means for specifying for ~~[[each]]~~ a given client within the plurality of clients a ~~second~~ plurality of subscribed entities for which the client subscribes to automatic updates of dynamic contact information;

instruction means for retrieving a plurality of dynamic contact records for a plurality of entities from one or more systems within the status system, wherein the plurality of subscribed entities is a subset of the plurality of entities;

instruction means for providing the plurality dynamic contact records to the at least one status server;

instruction means for identifying at least one subscribed dynamic contact record from within the plurality of dynamic contact records that corresponds to one of the plurality of subscribed entities; and

instruction means for automatically sending, using said at least one status server, ~~each said current~~ the at least one subscribed dynamic contact record to ~~[[each]]~~ said given client ~~that has subscribed to updates for the entity whose dynamic contact information is contained in said current dynamic contact record~~ without intervention from an operator of the given client.

92. (Original): The product according to claim 91, further comprising instruction means for establishing a dynamic contact information service that provides dynamic-contact records for said plurality of entities, each one of said dynamic-contact records being dynamically updated to indicate current contact information for one of said plurality of entities.

93. (Original): The product according to claim 92, further comprising for each of said plurality of entities:

instruction means for analyzing a calendar;

instruction means for determining a plurality of periods of time;

instruction means for determining a start time and a stop time with each of said plurality of periods of time; and

instruction means for associating dynamic contact information with each of said plurality of periods of time, said dynamic contact information being dynamic contact information derived from said calendar, preferences, and directory information for one of said plurality of entities.

94. (Original): The product according to claim 93, further comprising instruction means for including within each said dynamic contact information a current telephone type, current telephone status, current telephone number, current telephone status time period,

office telephone number, voice-mail status, and voice-mail checking frequency information for one of said plurality of entities associated with each said dynamic contact information.

95. (Original): The product according to claim 94, further comprising instruction means for including within said current telephone status an indication of whether the current telephone is busy.

96. (Original): The product according to claim 94, further comprising instruction means for including within said current telephone status an indication of whether said current telephone is currently in service.

97. (Original): The product according to claim 93, further comprising instruction means for including within said dynamic contact information an in-person status and in-person-status time period, and physical location for one of said plurality of entities, said physical location being a location where said one of said plurality of entities can be currently located.

98. (Original): The product according to claim 93, further comprising instruction means for including within said dynamic contact information a wireless-messaging status, wireless-messaging address, and wireless-messaging time period for one of said plurality of entities, said wireless-messaging address being a wireless messaging address at which said one of said plurality of entities can be reached by wireless messaging.

99. (Original): The product according to claim 98, further comprising instruction means for including within said wireless-messaging status an indication of whether the wireless-messaging device with said wireless-messaging address is currently in service.

100. (Original): The product according to claim 93, further comprising instruction means for including within said dynamic contact information an instant-message user name, instant-message status, and instant-message time period for one of said plurality of

entities, said instant-message user name being an instant-message user name at which said one of said plurality of entities can be reached via an instant-message service.

101. (Original): The product according to claim 93, further comprising instruction means for including within said dynamic contact information an e-mail address and e-mail checking frequency information for said one of said plurality of entities.

102. (Original): The product according to claim 93, further comprising instruction means for including within said dynamic contact information an indication of a best current means for contacting said one of said plurality of entities.

103. (Original): The product according to claim 93, further comprising instruction means for including within said dynamic contact information an indication of an alternate contact person for said one of said plurality of entities.

104. (Original): The product according to claim 93, further comprising for each of said plurality of entities:

instruction means for determining a current time;

instruction means for determining one of said plurality of periods of time having a start time at or before said current time and a stop time after said current time; and

instruction means for creating a current dynamic contact record using the current contact information associated with said one of said plurality of periods of time

instruction means for updating said status server with said current dynamic contact record.

105. (Canceled)

106. (Previously Presented): The product according to claim 91, further comprising instruction means for filtering fields of each current dynamic information record in accordance with "who can see me" information in said current dynamic contact record and only sending allowed fields to said clients.

107. (Currently Amended): The product according to claim 91, further comprising instruction means for displaying at ~~[[a]]~~ said given client, information for ~~[[a]]~~ one of the plurality of subscribed entities from ~~said current~~ the at least one subscribed dynamic contact ~~records~~ record.

108. (Currently Amended): The product according to claim 107, ~~further comprising instruction means for displaying~~ wherein said information ~~including within said display~~ includes a current telephone type, current telephone status, current telephone number, current telephone status time period, office telephone number, voice-mail status, and voice-mail checking frequency information for ~~[[each]]~~ said one of said ~~second~~ plurality of subscribed entities.

109. (Original): The product according to claim 108, further comprising instruction means for displaying said current telephone status at said client using icons.

110. (Currently Amended): The product according to claim 108, ~~further comprising instruction means for displaying~~ wherein said information ~~including within said display~~ further includes an indication of whether said current telephone is busy.

111. (Original): The product according to claim 110, further comprising instruction means for displaying said current telephone status at said client using icons.

112. (Currently Amended): The product according to claim 108, ~~further comprising instruction means for displaying~~ wherein said information ~~including within said display~~ further includes an indication of whether said current telephone is currently in service.

113. (Original): The product according to claim 112, further comprising instruction means for displaying said current telephone status at said client using icons.

114. (Currently Amended): The product according to claim 107, ~~further comprising instruction means for displaying~~ wherein said information ~~including within said display~~

includes an in-person status, in-person status time period, and physical location for ~~[[each]]~~ said one of said ~~second~~ plurality of subscribed entities, said physical location being a location where said ~~[[each]]~~ one of said ~~second~~ plurality of subscribed entities can be found.

115. (Original): The product according to claim 114, further comprising instruction means for displaying said current in-person status at said client using icons.

116. (Currently Amended): The product according to claim 107, ~~further comprising instruction means for displaying~~ said information ~~including within said display~~ includes a wireless-messaging status, wireless-messaging address, and wireless-messaging time period for ~~[[each]]~~ said one of said ~~second~~ plurality of subscribed entities, said wireless-messaging address being a wireless-messaging address at which said ~~[[each]]~~ one of said ~~second~~ plurality of subscribed entities can be reached by wireless messaging.

117. (Original): The product according to claim 116, further comprising instruction means for displaying said current wireless messaging status at said client using icons.

118. (Currently Amended): The product according to claim 116, ~~further comprising instruction means for displaying said information including within~~ wherein said wireless-messaging status includes an indication of whether the wireless-messaging device with said wireless-messaging address is currently in service.

119. (Original): The product according to claim 118, further comprising instruction means for displaying said current wireless messaging status at said client using icons.

120. (Currently Amended): The product according to claim 107, ~~further comprising instruction means for displaying~~ wherein said information ~~including within said display~~ includes an instant-message user name, instant-message status, and instant-message time period for ~~[[each]]~~ said one of said ~~second~~ plurality of subscribed entities, said instant-

message user name being an instant-message user name at which said ~~one~~ of said ~~second~~ plurality of subscribed entities can be reached via an instant-messaging service.

121. (Original): The product according to claim 120, further comprising instruction means for displaying said current instant messaging status at said client using icons.

122. (Currently Amended): The product according to claim 107, ~~further comprising instruction means for displaying wherein~~ said information ~~including within said display~~ includes an e-mail address and e-mail checking frequency information for ~~one~~ of said ~~second~~ plurality of subscribed entities.

123. (Currently Amended): The product according to claim 107, ~~further comprising instruction means for displaying wherein~~ said information ~~including within said display~~ includes an indication of a best current means for contacting ~~one~~ of said ~~second~~ plurality of subscribed entities.

124. (Currently Amended): The product according to claim 107, ~~further comprising instruction means for displaying wherein~~ said information ~~including within said display~~ includes an indication of an alternate contact person for ~~one~~ of said ~~second~~ plurality of subscribed entities.

125. (Currently Amended): The product according to claim 107, further comprising instruction means for displaying said information in response to selecting said one of said ~~second~~ plurality of subscribed entities.

126. (Currently Amended): The product according to claim 107, further comprising:
instruction means for hovering a cursor over a name of said one of said ~~second~~ plurality of subscribed entities; and
instruction means for displaying a full status message.

127. (Currently Amended): The product according to claim 126, further comprising instruction means for including in said full status message an in-person status, in-person status time period, a physical location, an e-mail address, and e-mail checking frequency information, an office telephone number, voice mail checking frequency information, an indication of a best current means for contacting, and an indication of an alternate contact person associated with said one of said ~~second~~ plurality of subscribed entities.

128. (Currently Amended): The product according to claim 107, further comprising:
instruction means for hovering a cursor over a phone icon associated with said one of said ~~second~~ plurality of subscribed entities; and
instruction means for displaying a current telephone number, a current telephone type, current telephone status, current telephone status time period, office phone number, and voice mail checking information for said one of said ~~second~~ plurality of subscribed entities.

129. (Currently Amended): The product according to claim 107, further comprising:
instruction means for hovering a cursor over an in-person icon associated with said one of said ~~second~~ plurality of subscribed entities; and
instruction means for displaying an in-person status, physical location, and in-person-status time period associated with said one of said ~~second~~ plurality of subscribed entities.

130. (Currently Amended): The product according to claim 107, further comprising:
instruction means for hovering a cursor over an instant-messaging icon associated with said one of said ~~second~~ plurality of subscribed entities; and
instruction means for displaying an instant-messaging user name, instant-messaging status, and instant-messaging time period associated with said one of said ~~second~~ plurality of subscribed entities.

131. (Currently Amended): The product according to claim 107, further comprising:
instruction means for hovering a cursor over a wireless-messaging icon associated

with said one of said ~~second~~ plurality of subscribed entities; and

instruction means for displaying a wireless-messaging status, a wireless-messaging address, and a wireless-messaging time period associated with said one of said ~~second~~ plurality of subscribed entities.

132. (Currently Amended): The product according to claim 107, further comprising instruction means for specifying display preferences for displaying said dynamic contact information including specifying portions of said dynamic contact information to be displayed and entities in said ~~second~~ plurality of subscribed entities to be displayed.

133. (Original): The product according to claim 132, further comprising instruction means for formatting and displaying said dynamic contact information.

134. (Original): The product according to claim 133, further comprising instruction means for displaying only portions of said dynamic contact information specified in the display preferences.

135. (Original): The product according to claim 133, further comprising instruction means for displaying information only for entities whose in-person status, telephone status, wireless-messaging status and instant-messaging status meet criteria specified in the display preferences.

136. (Currently Amended): A method in a data processing system for managing dynamic contact information, the method comprising:

maintaining a user status for the user, wherein the user status is provided to a group of users;

receiving dynamic contact information from a client for a user, wherein the dynamic contact information is automatically sent to the data processing system by the client in response to a change in a calendar on the client; [[and]]

responsive to receiving the dynamic contact information, selectively changing the user status for the user based on receiving the dynamic contact information to form

changed status information; and

automatically sending the changed status information to a plurality of subscribing users without interaction from the plurality of subscribing users.

137. (Original): The method of claim 136, wherein the selectively changing step, changes the status of the user if the dynamic contact information includes a status of the user that is different from a current status of the user.

138. (Original): The method of claim 136, wherein the changes include an identification of at least one of when the user is in an office, at an alternate work location, free, in a meeting, available via cell phone, and available via pager.

139. (Original): The method of claim 136, wherein the changes include dynamic contact information.

140. (Original): The method of claim 136, wherein the client is at least one of a personal digital assistant, a phone, a laptop computer, and a personal computer.

141. (Original): The method of claim 136, wherein the dynamic contact information includes at least one of status information for the user derived from the calendar and contact information derived from the calendar.

142-157. (Canceled)